

Delaware Trauma System Committee Meeting

Public Health Training Center - Dover Delaware

December 14, 2016 12:30 – 2:30 PM

Members Present: E. Alexander, J. Brennan, S. Carey, D. Eberly, S. Elwell, J. Hammond, M. Jadali, E. Johnson, L. Jones, R. Mauch, M. Pragg, S. Raab-Long, J. Simpler, G. Tinkoff, J. Whaley

Alternates/Guests Present: M. Arford, K. Bradley, P. Cowan, D. Curtis (phone), C. Faedtke, J. Giraldo, M. Griffin, B. Huss, N. Khare, B. King, M. Lamborn, M. LeNoir, C. Mallory, D. Matwiejewicz, J. McCue, S. Megee-Snyder, M. Mitchell, J. Pirrung, N. Tyndall (phone), P. Woods

Staff Present: M. Cipolle, M.S. Jones, R. Megargel, S. Murphy, M. Neumann, C. Grabowski

<u>Topics</u>	<u>Discussion Leader</u>	<u>Information/Action Plan</u>
I. Welcome and Introductions	S. Murphy	The meeting was called to order at 12:36 p.m. Introductions were made. Dr. Cipolle is the new Trauma System Medical Advisor.
A. Minutes	S. Murphy	The September meeting minutes were accepted as written.
II. New Business		
A. Surf Zone Injury and Beach Safety Along the Delaware Coast	P. Cowan	Dr. Cowan has been part of a collaborative effort studying injuries at the beach since 2010. The main questions include: Do injuries occur in clusters? Are those clusters related to something happening in the surf? Would it be possible to predict when those injuries will happen?. A weather buoy off the coast of Bethany Beach records real-time weather data. In 2012, the study began to count the number of people actually in the water in order to determine how many people are at risk. Surf injuries in Delaware are relatively constant, averaging about 213 per year, many of which involve the upper body. The environmentalists are involved in slope measurement. Slope of the beach does not change, as it is determined by the geology of the coastline, rather than by beach replenishment. In 2017, graduate students will be doing surveys of those on the beach. Also, the University of Delaware will be placing a crash dummy equipped with sensors, used on ocean-going container ships, to measure the amount of energy waves exert on the body. <u>The big teaching point for injury prevention is never turn your back to the waves.</u>
B. System Updates - Trauma System 20th Anniversary Event	M. S. Jones	A slide show of photographs was presented of the 20 th Anniversary event that was held Tuesday October 11th at Legislative Hall. The focus was the decrease in mortality over the Trauma System's 20 years, from 4.5% in 2000 to 2.4% in 2015- a 47% decrease, and recognition of those who continuously worked for those 20 years on development of the Trauma System.
C. Other 1. NHTSA Review 2. National Academies of Sciences, Engineering, and Medicine report 3. Stop the Bleed - American Trauma Society	M.S. Jones	Delaware's EMS law (Title 16 Chapter 97) requires an EMS system assessment every five years. NHTSA (the National Highway Transportation Safety Administration) did the review in May and again recommended funding for the trauma system. The new National Academies report, <u>A National Trauma Care System: Integrating Military and Civilian Trauma Systems to Achieve Zero Preventable Deaths After Injury</u> , recommends partnering of military and civilian trauma systems. The purpose of this initiative to ensure the status of the military forces is always kept top tier regarding its ability to render trauma care in an austere environment and to translate how that expertise can be used in civilian situations. Teaching every civilian to be trauma-ready and able to stay alive in terror situations is the ATS' major push for 2017. Someday a "Stop the Bleed" packet may be found side-by-side with AED's in public places.

III. Unfinished Business and Reports		
A. Unfinished Business		
1. Trauma System funding legislation	M. S. Jones	Four action steps were developed when TSC members met with the Delaware Healthcare Association Policy Committee in April: 1) Perform a Trauma System fiscal needs assessment and/or gap analysis to identify specific system areas in need of support; 2) Develop a more accurate method of determining trauma-related hospital costs; 3) Review information on ways other states are funded and how they distribute the funds; 4) Move the anniversary event to the Fall so that more legislators may attend. Legislators need to be made aware of what the Trauma System has accomplished; all of them should be invited to the event. Item 4 has been completed. The national state trauma managers email listserve was not able to supply any potential contractors to do the needs assessment so Greg Bishop of the Trauma Center Association of America was contacted. His agency is able to do such an assessment and has successfully worked with other states to obtain trauma system funding (100% success rate). He will develop a proposal with costs for Delaware.
B. Designation Committee Report		
1. 2016 site visits	S. Carey	Nanticoke's visit in May was very straightforward. The report with full verification was finally received after three months.
	S. Murphy	DuPont's visit in October went well. The reviewers said there were no deficiencies but the report has not yet been received.
2. 2017 site visits	D. Matwiejewicz	2017 ACS visits are: Bayhealth Milford (summer), Beebe Healthcare (fall), Saint Francis (July), Wilmington Hospital (October). ACS is now billing annually for site visits and this will impact hospital budgets.
C. Trauma System Quality Evaluation Committee Report		
1. Trauma System Registry 2. Data	M. Neumann	Falls are the leading cause of injuries for ages 0-14. Firearms and cuttings/piercings lead to longer hospital stays. Motor vehicle crashes are responsible for more severe injuries. The data shows that there is great need for injury prevention education for playground safety.
a) Pediatric demographic data	J. McCue	Most playground falls occur in ages 5 and 6, which makes sense since children are starting elementary school and on the playground more. Jen hopes to develop a program for playground safety by spring.
b) Research Projects	M.S. Jones	Patti Miller, Nemours Prevention Services, found that 25% of severe and critical pediatric ATV injuries occurred when not wearing a helmet, while only 9% occurred when wearing a helmet in her analysis of Trauma System Registry data.
	M. Neumann	Mortality rates based on Injury Severity Scores have been affected by the revised Abbreviated Injury Scores which came into use in Delaware in 2014.
D. Networking Highlights		
1. State EMS Medical Director	R. Megargel	New standing orders for paramedics started November 1 st . BLS starts January 1 st . Paramedics have been carrying Quik Clot and tourniquets for eight or nine years. BLS and ALS and the office have put together kits for most of our police officers.

2. Office of EMS	M.S. Jones	The Office of EMS has been staffing a new Stroke System Committee which is working on development of a Stroke System. There have been two meetings so far. The first task has been development of recommendations for Dr. Rattay on the need for such a system. There will soon be a new Paramedic Administrator.
3. Public Health Preparedness	R. Megargel	EMS and Preparedness staff just participated in a Continuity of Operations Plan (COOP) training, which focused on standard operating guidelines to be used in the case of damage to the office which would force EMS/PS to relocate while continuing to function.
4. Office of Highway Safety (OHS)	J. Simpler	There have been 115 fatalities this year vs. 126 in 2015. About one-third of the fatal crashes this year were related to impaired driving. Most drivers are wearing seatbelts. Motorcycle fatalities are 14 to date this year vs. 20 in 2015. Pedestrian fatalities are at 26 compared to 34 last year. There have been two bicycle fatalities this year compared to three last year. OHS co-sponsored a successful drunk-driving policy summit in November and coordinated a rigorous drug-recognition expert course for law enforcement. Drugged driving is being added as an enforcement focus. There are now more than 20 police experts in Delaware that can be called upon by law enforcement officers when needed to help identify illicit drug use.
5. Injury Prevention	J. McCue J. Pirrung D. Curtis	In addition to the playground safety program, duPont is developing a car seat program for pediatric office staffs so they can correctly answer parents' car seat questions, participating in the elementary grades Think First program, partnering with Newark's Babies-R-Us store to present monthly programs on infant seats and fall prevention, and partnering with Westside Family Healthcare to provide infant seat and fall prevention education to clients not able to afford a car seat. At the end of the program, participants receive a free car seat. Christiana's Trauma Program hosted a Mocktail demonstration at the hospital and had 700 participants. Kathy Boyer will present an update at the January EAST (Eastern Association for the Surgery of Trauma) Conference on use of the scholarship received last year for their <i>You Only Live Once</i> program. Dr. Jeremy Crenshaw, Assistant Professor of Kinesiology at University of Delaware, has joined the Coalition's Falls Prevention team. Dr. Crenshaw works in the area of falls research. The team also has a new member who is interested in working with the visually-impaired who are at high risk for falls.
6. DE ACS- Committee on Trauma & DE Chapter, American Trauma Society	M. Cipolle M. Lamborn	ACS-COT: Dr. M. Braverman presented Delaware's geriatric data at the ACS Annual Residents Trauma Papers Competition. The winning paper was from Maryland's Shock Trauma, with data on significant reduction in readmissions with addition of a trauma transitional care coordinator. ATS: ATS is having a membership drive and are considering having another scholarship opportunity for injury prevention programs through the Coalition for Injury Prevention.
7. DEMSOC	S. Murphy	No report.
8. DPH Office of Rural Health	K. Collison	No report.
9. Brain Injury Association/TBI/ OTDAB	J. Hammond	The last Organ and Tissue Donor Awareness meeting included a strategic planning session to determine goals for 2017 and methods of accomplishing them.
Closing	S. Murphy	Presentation of the Trauma System 20 th Anniversary Governor's Proclamation was made to G. Tinkoff, recognizing his efforts on development of Delaware's Trauma System. Dr. Tinkoff has accepted a new position and will be leaving Delaware soon.
<u>Adjourn/Next Meeting</u>	2:39 p.m.	<u>Thursday, March 9, 2017 @12:30, Public Health Training Center, Edgehill Shopping Center, Dover</u>

